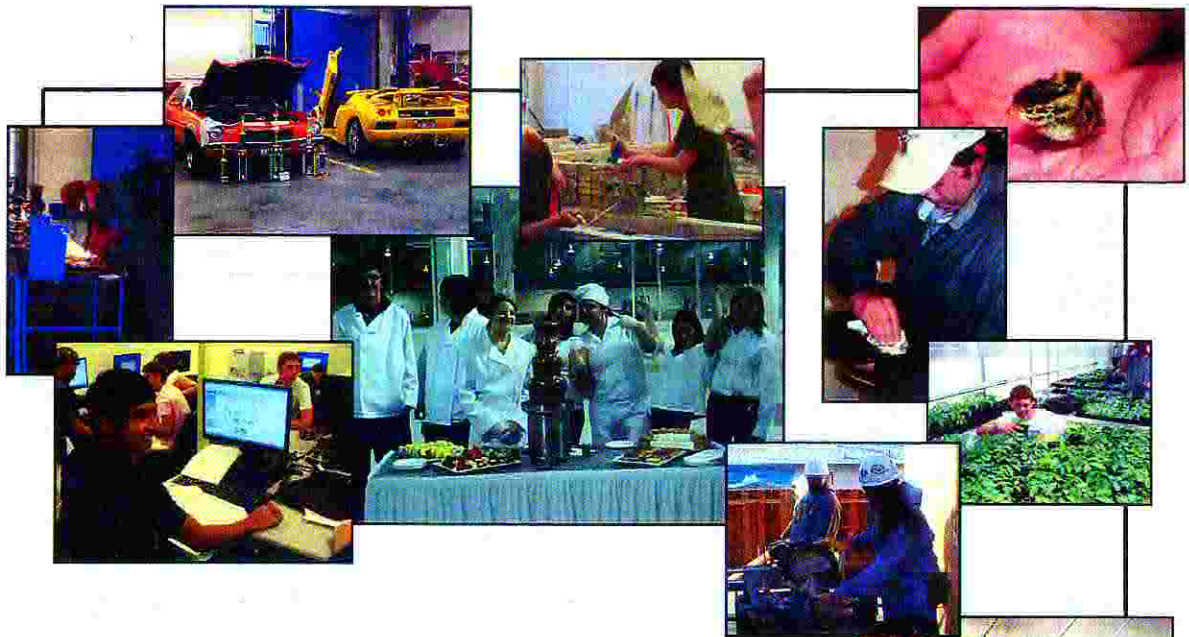


# Professional-Technical Magnet Programs

Technical centers offer...

*skills for the real world!*



- ◆ Check out these high school career-training options!
- ◆ PT programs teach marketable job skills using cutting-edge technology that leads to employment opportunities, certifications, and college credit.
- ◆ 10th-12th graders can take PT classes for credit at three technical centers.
- ◆ Most PT instructors are certified in both education and industry.
- ◆ Industry advisory boards help align curriculum to industry needs and help finance these programs.
- ◆ Participation in PT related clubs, competitions, and internships increases student confidence and provides opportunities to apply skills to "real life" situations.
- ◆ Transportation is provided.

*see back for more details...*





# Renaissance Professional-Technical Center

1303 E. Central Drive, Meridian, ID 83642

## ARCHITECTURE & CONSTRUCTION MAGNET:

### ♦ Residential Construction-

Take Residential Construction I and learn basic carpentry skills; help build a Habitat for Humanity home in Residential Construction II and III; also offered and recommended is Construction Management

### ♦ Architecture & Civil Engineering-

Use cutting-edge architectural 3D modeling software to design model structures; apply engineering and architectural solutions to real world problems; offerings are Residential Construction, Architectural Drafting II and Civil Engineering & Architecture (Intro to Engineering is a necessary prerequisite.)

### ♦ Digital Home Technology Integration+-

Learn "smart home technologies" such as home theatre, security, heat/cooling, and computer networking systems on state-of-the-art equipment; offerings are DHTI+ I-II and an Internship; prepare for the CompTIA DHTI+ exam

### ♦ Masonry-

Become a bricklayer; learn to interpret building blueprints and lay brick, stone, pavers, and concrete block; help install brick/stone accent on Habitat Home in the advance classes; offerings are Masonry I-III and an Internship; earn the NCCER Certification

## CULINARY ARTS MAGNET:

### ♦ Advanced Culinary Arts-

Run a "live" café in a state-of-the-art culinary center; develop and perform restaurant industry skills; prepare for the Am. Culinary Federation Certified Culinarian (CC) and Certified Pastry Culinarian (CPC) exams. (Prerequisites are Foods and Nutrition and Introduction to Culinary Arts—earn a ServSafe Certification.)

## ADDITIONAL PT COURSE OFFERINGS:

### Professional-Technical Mathematics:

This math is design for students to apply what they learn to math solutions needed in today's workplace specific to PT programs; helps students pass the ACT Compass Test (technical college entrance/placement exam)

### Professional-Technical English:

Students will learn communication skills needed for successful workplace communication including writing and reading manuals, analyses, reports and other workplace documents, as well oral communication skills.

# Meridian Professional-Technical Center

1900 West Pine Avenue, Meridian, ID 83642

### ♦ Animal Science Pathway-

Study the science of animals; course offerings include Animal Science, Equine Science I-II, Animal Nutrition, Food Science, Fish & Wildlife Management, Small Animal Care, and Veterinary Assistant Internship

### ♦ Welding/Fabrication/Mechanical Pathway-

Learn industry skills on the best welding equipment available today. Courses include Welding I-III, Advanced Small Gas Engines, Agriculture Fabrications, and Agriculture Structures

### ♦ Botany Pathway-

Learn in-depth knowledge about plants through these Botany class offerings: Plant and Soil Science, Range Science, Forestry Science, Horticulture I-II, Floral Design and Marketing, and Landscape Design

### ♦ Automotive Technology Pathway-

Learn industry skills by doing "live" vehicle diagnostics and repair work; offerings are Auto Tech I-III; program is NATEF certified and the course sequence leads to an ASE Certification

## ADDITIONAL PT COURSE OFFERINGS:

### Professional-Technical Math: (see description above)

### Professional-Technical English: (see description above)

### Agricultural Business and Economics Course:

Meets Economic graduation requirements; includes the study of careers in agribusiness

### Personal Skills Development:

Meets Speech graduation requirements, develops leadership, citizenship, and public speaking skills

# Dehryl A. Dennis Professional-Technical Education Center

8201 W. Victory Road, Boise, ID 83709 (application for admittance is required)

- Automotive Technology
- Collision Repair
- Digital Commercial Photography
- Electronics Technology
- Graphic Design
- Precision Machining
- Welding and Metal Fabrication

## IT Classes: (maximum 20 seats available)

- Computer Support Essentials
- Network Operating Systems
- Computer Networking Basics
- Internetworking Techniques
- Network Administration
- Fundamentals of Web Design

Meridian School District Professional-Technical Education Office

Phone: 208.350.5051

Email: [protech@meridianschools.org](mailto:protech@meridianschools.org)

Website: [http://www.meridianschools.org/Schools/High Schools/](http://www.meridianschools.org/Schools/High%20Schools/) ("click" on Technical Centers/PT Magnet Programs)

(For detailed information visit our website and see your school's current Course Description Handbook.)



## Renaissance Professional -Technical Center



**Architecture & Construction Magnet** – Coursework is provided in Architecture & Civil Engineering, Residential Construction (Carpentry), Masonry, Digital Home Technology Integration, and Construction Management. Each year, students design, build and landscape a Habitat for Humanity home for a needy family in the community.



**Culinary Arts Magnet** – This magnet features a student-run restaurant, *Café Renaissance*. The magnet is on track for becoming an American Culinary Federation (ACF) Nationally Certified Culinary School by 2011.



**Pre-Engineering Magnet** – Scheduled to begin in 2010. This highly successful program was initiated at Mountain View High School and prepares students for careers in Engineering and Engineering Technology using Project Lead the Way® curriculum ([www.pltw.org](http://www.pltw.org)).



**Police, Fire and Emergency Services Magnet** – Scheduled to begin in 2010, this magnet will feature coursework in Law, Fire & Emergency Services. Discussions are underway with the Idaho POST to share resources.



**Information Technology Magnet** – Scheduled to begin in 2010. This magnet will provide coursework leading to CompTIA and Cisco Certifications for employment in the information technology industry.



**Health Science Magnet** – Scheduled to begin in 2010. This magnet will house the district's Certified Nursing Assistant (CNA) program and other specialty programs in Health Professions through a cooperative agreement with Idaho State University.

Professional-Technical Math and English courses provide students with real-world applications.